INDEX

Acrivos, A. *See* Yan, Acrivos & Weinbaum

Angelidis, P. B. *See* Kotsovinos & Angelidis

Arakeri, V. H. *See* Arndt, Arakeri & Higuchi

Arndt, R. E. A., Arakeri, V. H. & Higuchi, H. Some observations of tip-vortex cavitation, 269–289

Brewster, R. A. & Gebhart, B. Instability and disturbance amplification in a mixed-convection boundary layer, 115–133

Busse, F. H. *See* Clever & Busse

Callan, M., Linton, C. M. & Evans, D. V. Trapped modes in two-dimensional waveguides, 51–64

Clever, R. M. & Busse, F. H. Instabilities in longitudinal rolls in the presence of Poiseuille flow, 517–529

Cliffe, K. A. *See* Tavener, Mullin & Cliffe

Davis, S. H. *See* Ehrhard & Davis

Dijkstra, H. A. & Steen, P. H. Thermocapillary stabilization of the capillary breakup of an annular film of liquid, 205–228

Ehrhard, P. & Davis, S. H. Non-isothermal spreading of liquid drops on horizontal plates, 365–388

Evans, D. V. *See* Callan, Linton & Evans

Fanneløp, T. K., Hirschberg, S. & Küffer, J. Surface current and recirculating cells generated by bubble curtains and jets, 629–657

Fowlis, W. W. *See* Roberts, Kornfeld & Fowlis

Gebhart, B. *See* Brewster & Gebhart

Grimshaw, R. & Zengxin, Y. Resonant generation of finite-amplitude waves by the flow of a uniformly stratified fluid over topography, 603–628

Guermond, J.-L. & Sellier, A. A unified unsteady lifting-line theory, 427–451

Hammack, J. *See* Perlin & Hammack

Hart, J. E. *See* Pratte & Hart

Higuchi, H. *See* Arndt, Arakeri & Higuchi

Hirschberg, S. *See* Fanneløp, Hirschberg & Küffer

Hu, F. Q. *See* Tam & Hu

Hunt, J. C. R. & Hussain, F. A note on velocity, vorticity and helicity of inviscid fluid elements, 569–587

Hussain, F. *See* Hunt & Hussain

Johansson, A. V. *See* Lundbladh & Johansson

Joo, S. W., Messiter, A. F. & Schultz, W. W. Evolution of weakly nonlinear water waves in the presence of viscosity and surfactant, 135–158

Joubert, P. N. *See* Saddoughi & Joubert

Kornfeld, D. M. *See* Roberts, Kornfeld & Fowlis

Kotsovinos, N. E. & Angelidis, P. B. The momentum flux in turbulent submerged jets, 453–470

INDEX

Acrivos, A. *See* Yan, Acrivos & Weinbaum

Angelidis, P. B. *See* Kotsovinos & Angelidis

Arakeri, V. H. *See* Arndt, Arakeri & Higuchi

Arndt, R. E. A., Arakeri, V. H. & Higuchi, H. Some observations of tip-vortex cavitation, 269–289

Brewster, R. A. & Gebhart, B. Instability and disturbance amplification in a mixed-convection boundary layer, 115–133

Busse, F. H. *See* Clever & Busse

Callan, M., Linton, C. M. & Evans, D. V. Trapped modes in two-dimensional waveguides, 51–64

Clever, R. M. & Busse, F. H. Instabilities in longitudinal rolls in the presence of Poiseuille flow, 517–529

Cliffe, K. A. *See* Tavener, Mullin & Cliffe

Davis, S. H. *See* Ehrhard & Davis

Dijkstra, H. A. & Steen, P. H. Thermocapillary stabilization of the capillary breakup of an annular film of liquid, 205–228

Ehrhard, P. & Davis, S. H. Non-isothermal spreading of liquid drops on horizontal plates, 365–388

Evans, D. V. *See* Callan, Linton & Evans

Fanneløp, T. K., Hirschberg, S. & Küffer, J. Surface current and recirculating cells generated by bubble curtains and jets, 629–657

Fowlis, W. W. *See* Roberts, Kornfeld & Fowlis

Gebhart, B. *See* Brewster & Gebhart

Grimshaw, R. & Zengxin, Y. Resonant generation of finite-amplitude waves by the flow of a uniformly stratified fluid over topography, 603–628

Guermond, J.-L. & Sellier, A. A unified unsteady lifting-line theory, 427–451

Hammack, J. *See* Perlin & Hammack

Hart, J. E. *See* Pratte & Hart

Higuchi, H. *See* Arndt, Arakeri & Higuchi

Hirschberg, S. *See* Fanneløp, Hirschberg & Küffer

Hu, F. Q. *See* Tam & Hu

Hunt, J. C. R. & Hussain, F. A note on velocity, vorticity and helicity of inviscid fluid elements, 569–587

Hussain, F. *See* Hunt & Hussain

Johansson, A. V. *See* Lundbladh & Johansson

Joo, S. W., Messiter, A. F. & Schultz, W. W. Evolution of weakly nonlinear water waves in the presence of viscosity and surfactant, 135–158

Joubert, P. N. *See* Saddoughi & Joubert

Kornfeld, D. M. *See* Roberts, Kornfeld & Fowlis

Kotsovinos, N. E. & Angelidis, P. B. The momentum flux in turbulent submerged jets, 453–470

Küffer, J. *See* Fanneløp, Hirschberg & Küffer

Linton, C. M. *See* Callan, Linton & Evans

Liu, P. L.-F., Synolakis, C. E. & Yeh, H. H. Report on the International Workshop on Long-Wave Run-up, 675–688

Lundbladh, A. & Johansson, A. V. Direct simulation of turbulent spots in plane Couette flow, 499–516

Marshall, J. S. A general theory of curved vortices with circular cross-section and variable core area, 311–338

Maslowe, S. A. Barotropic instability of the Bickley jet, 417–426

Maxworthy, T. Bubble rise under an inclined plate, 659–674

Mei, C. C. & Zhou, X. Parametric resonance of a spherical bubble, 29–50

Meiron, D. I. *See* Soibelman & Meiron

Messiter, A. F. *See* Joo, Messiter & Schultz

Miles, J. On the initial-value problem for a wavemaker, 589–601

Mullin, T. *See* Tavener, Mullin & Cliffe

Perlin, M. & Hammack, J. Experiments on ripple instabilities. Part 3. Resonant quartets of the Benjamin–Feir type, 229–268

Pratte, J. M. & Hart, J. E. Experiments on periodically forced flow over topography in a rotating fluid, 87–114

Robert, R. & Sommeria, J. Statistical equilibrium states for two-dimensional flows, 291–310

Roberts, G. O., Kornfeld, D. M. & Fowlis, W. W. Particle orbits in a rotating liquid, 555–567

Saddoughi, S. G. & Joubert, P. N. Lateral straining of turbulent boundary layers. Part 1. Streamline divergence, 173–204

Sand, I. Ø. On unsteady reacting flow in a channel with a cavity, 339–364

Schultz, W. W. *See* Joo, Messiter & Schultz

Sellier, A. *See* Guermond & Sellier

Smith, P. A. *See* Stansby & Smith

Soibelman, I. & Meiron, D. I. Finite-amplitude bifurcations in plane Poiseuille flow: two-dimensional Hopf bifurcation, 389–416

Sommeria, J. *See* Robert & Sommeria

Stansby, P. K. & Smith, P. A. Viscous forces on a circular cylinder in orbital flow at low Keulegan–Carpenter numbers, 159–171

Steen, P. H. *See* Dijkstra & Steen

Sugata, S. & Yoden, S. The effects of centrifugal force on the stability of axisymmetric viscous flow in a rotating annulus, 471–482

Synolakis, C. E. *See* Liu, Synolakis & Yeh

Tam, C. K. W. & Hu, F. Q. Resonant instability of ducted free supersonic mixing layers induced by periodic Mach waves, 65–85

Tavener, S. J., Mullin, T. & Cliffe, K. A. Novel bifurcation phenomena in a rotating annulus, 483–497

Trifonov, Yu. Ya. & Tsvelodub, O. Yu. Nonlinear waves on the surface of a falling liquid film. Part 1. Waves of the first family and their stability, 531–554

Tsvelodub, O. Yu. *See* Trifonov & Tsvelodub

Weinbaum, S. *See* Yan, Acrivos & Weinbaum

Yan, Z.-Y., Acrivos, A. & Weinbaum, S. Fluid skimming and particle entrainment into a small circular side pore, 1–27

Yeh, H. H. *See* Liu, Synolakis & Yeh

Yoden, S. *See* Sugata & Yoden

Zengxin, Y. *See* Grimshaw & Zengxin

Zhou, X. *See* Mei & Zhou